



PUMP

Pedrollo 4SR8-S submersible pumps are specifically designed for water supply from boreholes, though can also be used in other applications in either vertical or horizontal configurations. They feature an upgraded specification with a revised floating impeller hydraulic design and advanced high wear resistance materials for the impellers and diffusers. This provides exceptional sand handling capability (up to 200g/m³) and improved operating efficiency.

Pump impellers are made from high-strength Delrin technopolymer, diffusers from Noryl and the stage casings, top housing, suction interconnector, pump sleeve and shaft from AISI304 stainless steel.

MOTOR

Pumps are coupled to Pedrollo two pole sealed motor constructed principally from AISI 316 stainless steel. Drytek control box is available for both single phase and three phase pump control which incorporates incoming mains isolator, digital display of motor operating status and protection against over and under voltage, motor overload and phase sequence loss. The controller can be connected directly to the mains power supply.

Enclosure Class : IP68

Insulation Class: F

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non aggressive liquids with a maximum sand content of 200gm/m³.

Max. Liquid Temperature: +35°C.

Min. Borehole Diameter: 110 mm

Max. Immersion Depth: 200m

PUMP DATA

Model	Motor		Current (A)		DN (")	Dimensions (mm)		Weight (kg)
	kW	HP	1x240V	3x415V		H1	H2	
4SR8/9-S	1.5	2	10	5	2	446	396	15
4SR8/13-S	2.2	3	15	6		598	437	18
4SR8/17-S	3	4		7		723	450	21
4SR8/24-S	4	5.5		9		969	505	26
4SR8/32-S	5.5	7.5		12		1247	590	33
4SR8/43-S	7.5	10		16		1618	800	46

